

CONVENTIONAL AND SPECIAL
SYMBOLS LEGEND

CULTURAL FEATURES

BOUNDARIES	
National, state or province	
County or parish	
Minor civil division	
Reservation (national forest or park, state forest or park, and large airport)	
Land grant	
Limit of soil survey (label)	
Field sheet matchline & neatline	
AD HOC BOUNDARY (label)	
Small airport, airfield, park, oilfield, cemetery, or flood pool	
STATE COORDINATE TICK	
LAND DIVISION CORNERS (sections and land grants)	
ROADS	
Divided (median shown if scale permits)	
Other roads	
Trail	
ROAD EMBLEM & DESIGNATIONS	
Interstate	
Federal	
State	
County, farm or ranch	
RAILROAD	
POWER TRANSMISSION LINE (normally not shown)	
PIPE LINE (normally not shown)	
FENCE (normally not shown)	
LEVEES	
Without road	
With road	
With railroad	
DAMS	
Large (to scale)	
Medium or small	
PITS	
Gravel pit	
Mine or quarry	

MISCELLANEOUS CULTURAL FEATURES	
Farmstead, house (omit in urban areas)	
Church	
School	
Indian mound (label)	
Located object (label)	
Tank (label)	
Wells, oil or gas	
Windmill	
Kitchen midden	
WATER FEATURES	
DRAINAGE	
Perennial, double line	
Perennial, single line	
Intermittent	
Drainage end	
Canals or ditches	
Double-line (label)	
Drainage and/or irrigation	
LAKES, PONDS AND RESERVOIRS	
Perennial	
Intermittent	
MISCELLANEOUS WATER FEATURES	
Marsh or swamp	
Spring	
Well, artesian	
Well, irrigation	
Wet spot	

SPECIAL SYMBOLS FOR
SOIL SURVEY

SOIL DELINEATIONS AND SYMBOLS	
ESCARPMENTS	
Bedrock (points down slope)	
Other than bedrock (points down slope)	
SHORT STEEP SLOPE	
GULLY	
DEPRESSION OR SINK	
SOIL SAMPLE SITE (normally not shown)	
MISCELLANEOUS	
Blowout	
Clay spot	
Gravelly spot	
Gumbo, slick or scabby spot (sodic)	
Dumps and other similar non soil areas	
Prominent hill or peak	
Rock outcrop (includes sandstone and shale)	
Saline spot	
Sandy spot	
Severely eroded spot	
Slide or slip (tips point upslope)	
Stony spot, very stony spot	

SOIL LEGEND

If slope is not indicated in the soil name, the soil is level or nearly level. Soil names followed by the superscript ^{1/} are broadly defined units.

SYMBOL	NAME
1	Bastrop loamy fine sand, 1 to 5 percent slopes
2	Bastrop fine sandy loam, 0 to 1 percent slopes
3	Bastrop fine sandy loam, 1 to 3 percent slopes
4	Bastrop fine sandy loam, 3 to 5 percent slopes
5	Bastrop fine sandy loam, 1 to 5 percent slopes, eroded
6	Bolar clay loam, 1 to 3 percent slopes
7	Bolar clay loam, 3 to 5 percent slopes
8	Bosque loam, occasionally flooded
9	Brackett gravelly clay loam, 1 to 5 percent slopes
10	Brackett-Eckrant association, hilly ^{1/}
11	Cranfill gravelly clay loam, 3 to 5 percent slopes
12	Cranfill gravelly clay loam, 3 to 5 percent slopes, eroded
13	Cranfill gravelly clay loam, 5 to 8 percent slopes
14	Cranfill gravelly clay loam, 5 to 8 percent slopes, eroded
15	Cranfill gravelly clay loam, 3 to 8 percent slopes, severely eroded
16	Crawford clay, 1 to 3 percent slopes
17	Denton silty clay, 1 to 3 percent slopes
18	Denton silty clay, 3 to 5 percent slopes
19	Duffau fine sandy loam, 1 to 3 percent slopes
20	Duffau fine sandy loam, 3 to 5 percent slopes
21	Duffau fine sandy loam, 1 to 5 percent slopes, eroded
22	Eckrant association, gently undulating ^{1/}
23	Frio silty clay loam, occasionally flooded
24	Hassee fine sandy loam, 0 to 2 percent slopes
25	Krum clay, 0 to 1 percent slopes
26	Krum clay, 1 to 3 percent slopes
27	Maloterre-Tarrant complex, 1 to 8 percent slopes
28	Minwells fine sandy loam, 1 to 3 percent slopes
29	Minwells fine sandy loam, 3 to 5 percent slopes
30	Minwells fine sandy loam, 1 to 5 percent slopes, eroded
31	Mosheim silty clay, 1 to 3 percent slopes
32	Paluxy very fine sandy loam, 0 to 1 percent slopes
33	Paluxy very fine sandy loam, 1 to 3 percent slopes
34	Paluxy very fine sandy loam, 5 to 8 percent slopes
35	Pits
36	Purves clay, 1 to 3 percent slopes
37	Purves clay, 3 to 5 percent slopes
38	Purves gravelly clay, 1 to 5 percent slopes
39	Purves-Maloterre association, undulating ^{1/}
40	San Saba clay, 1 to 3 percent slopes
41	Searsville clay, 1 to 3 percent slopes
42	Searsville gravelly clay, 1 to 5 percent slopes
43	Seawillow Variant clay loam, 1 to 5 percent slopes
44	Selden loamy fine sand, 1 to 5 percent slopes
45	Slidell clay, 0 to 1 percent slopes
46	Slidell clay, 1 to 3 percent slopes
47	Sunev clay loam, 0 to 1 percent slopes
48	Sunev clay loam, 1 to 3 percent slopes
49	Tarpley clay loam, 1 to 3 percent slopes
50	Tarrant association, undulating ^{1/}
51	Windthorst fine sandy loam, 1 to 3 percent slopes
52	Windthorst fine sandy loam, 3 to 5 percent slopes
53	Windthorst fine sandy loam, 1 to 5 percent slopes, eroded
54	Windthorst fine sandy loam, 1 to 8 percent slopes, severely eroded
55	Yahola-Gaddy complex, frequently flooded

^{1/} The composition of these units is more variable than that of the others in the survey area but has been controlled well enough to be interpreted for the anticipated use of the soils.